

soixante-huit espèces. [Avec] Remarques sur les rapports naturels des genres *Viscum*, *Samolus* et *Viburnum*. Bruxelles. [1820.]
 SOWERBY, Arthur de Carle. The naturalist in Manchuria. 5 vol. Tientsin. 1922-30.

Books were sent out as inter-library loans to Field Museum of Natural History, Library of the United States Department of Agriculture, Smithsonian Institution, McGill University, United Fruit Company, Massachusetts State College, Wellesley College, University of Pennsylvania, Dartmouth College, New York Horticultural Society, Massachusetts Institute of Technology, Tufts College Library, Boston Society of Natural History, Massachusetts Horticultural Society and Michigan State College, as well as to many departments of Harvard University.

In addition to loans, photostats or typewritten copies of references have frequently been made when books could not be loaned.

Books were borrowed for the use of the members of the staff and students from the Boston Public Library, Massachusetts Horticultural Society, Library of the United States Department of Agriculture and from the University libraries.

A list of the forestry periodicals and reports prepared by the United States Forest Service was checked for our holdings, and additional material was prepared for inclusion in a supplement to "Index Londinensis."

At the invitation of the Committee on Binding Advertisements in Periodicals the Library has agreed to cooperate with some thirty-four other libraries to bind 12 of its periodicals entire, all advertisements included.

In the early spring Miss Margaret Hayes, under the direction of Mr. J. F. Ballard of the Boston Medical Library, spent more than two months in the Library indexing books and periodicals for a union list of the more important works to be found in special libraries in Boston.

The Librarian attended the Convention of the American Library Association in Denver from June 24-29, where she visited the public and university libraries. — E. M. T.

Bibliography of the published writings of the staff and students July 1, 1934—June 30, 1935

AMES, Oakes.

An addition to the genus *Vanilla*. (In *Harvard university, Botanical museum leaflets*, 1934, ii, 101-103.)

A contribution to our knowledge of the orchids of Spanish Honduras. Pt. ii. (In *Harvard university, Botanical museum leaflets*, 1934, iii, 17-36.)

- Critical notes on Costa Rican orchids. By Oakes Ames, F. T. Hubbard and Charles Schweinfurth. (In *Harvard university, Botanical museum leaflets*, 1934, iii, 37-42.)
- Epidendrum cystosum*, a new species from the republic of Honduras, (In *Harvard university, Botanical museum leaflets*, 1934, ii, 105-109.)
- A nomenclatorial note [*Epidendrum neoporpax*]. (In *Harvard university, Botanical museum leaflets*, 1934, ii, 112.)
- Notes on Mexican epidendrums based largely on the Erik M. Ostlung collection. By Oakes Ames, F. T. Hubbard and Charles Schweinfurth. (In *Harvard university, Botanical museum leaflets*, 1934, iii, 1-16.)
- Outline of lecture on economic botany given in Biology 115, formerly Botany 15, Nov. 1934. Material prepared in 1930. Broadside.
- Studies in *Stelis*. iii-iv. (In *Harvard university, Botanical museum leaflets*, 1934-35, iii, 45-59, 134-135.)
- A four polymorphic alliance in *Epidendrum*. By Oakes Ames, F. T. Hubbard and Charles Schweinfurth. (In *Harvard university, Botanical museum leaflets*, 1935, iii, 93-110.)
- Nomenclatorial studies in *Malaxis* and *Spiranthes*. By Oakes Ames and Charles Schweinfurth. (In *Harvard university, Botanical museum leaflets*, 1935, iii, 113-133.)
- Studies in *Epidendrum*. By Oakes Ames, F. T. Hubbard and Charles Schweinfurth. (In *Harvard university, Botanical museum leaflets*, 1935, iii, 61-76.)

ANDERSON, Edgar.

- Rhododendrons. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 21-24.)
- Chromosome numbers in the Hamamelidaceae and their phylogenetic significance. By Edgar Anderson and Karl Sax. (In *Journal of the Arnold arboretum*, 1935, xvi, 210-215.)
- An endemic *Sophora* from Rumania. (In *Journal of the Arnold arboretum*, 1935, xvi, 76-80.)
- The flowering quinces. (In *Arnold arboretum bulletin of popular information*, 1935, iii, 9-12.)
- Gametic elimination in crosses between self-sterile species. (In *American naturalist*, 1935, lxi, 282-283.)
- Nature's bags of scent. (In *Herbarist*, 1935, pp. 5-6.)
- [Plants of current interest.] (In *Arnold arboretum bulletin of popular information*, 1935, iii, 5-8, 13-16.)
- Science as a storehouse. (In *Horticulture*, 1935, xiii, 124.)
- Uvularia perfoliata* in Louisiana. By E. J. Palmer and Edgar Anderson. (In *Rhodora*, 1935, xxxvii, 58-59.)
- A visit to the home of the lilac. (In *Arnold arboretum bulletin of popular information*, 1935, iii, 1-4.)

BAILEY, Irving Widmer.

- The cambium and its derivative tissues. ix. Structural variability in the redwood, *Sequoia sempervirens*, and its significance in the identification of fossil woods. By I. W. Bailey and Anna F. Faull. (In *Journal of the Arnold arboretum*, 1934, xv, 233-254.)
- The cambium and its derivative tissues. x. Structure, optical properties and chemical composition of the so-called middle lamella. By Thomas Kerr and I. W. Bailey. (In *Journal of the Arnold arboretum*, 1934, xv, 327-349.)

CROWELL, Ivan H.

Compilation of reports on the relative susceptibility of orchard varieties of apples to the cedar-apple rust disease. (In *Proceedings of the American society for horticultural science*, 1934, xxxii, 261-272.)

The hosts, life history and control of the cedar-apple rust fungus *Gymnosporangium juniperi-virginianae* Schw. (In *Journal of the Arnold arboretum*, 1934, xv, 163-232.)

EHRlich, John.

A necrotic disease of the beech following *Cryptococcus fagi*. pp. 104. (In *Contributions from the Arnold arboretum of Harvard university*, 1934, vii.)

FAULL, Anna Forward.

The cambium and its derivative tissues. ix. Structural variability in the redwood, *Sequoia sempervirens*, and its significance in the identification of fossil woods. By I. W. Bailey and Anna F. Faull. (In *Journal of the Arnold arboretum*, 1934, xv, 233-254.)

Elaioplasts in *Iris*. (In *Journal of the Arnold arboretum*, 1935, xvi, 225-267.)

FAULL, Joseph Horace.

Arthur Bliss Seymour (1859-1933). (In *Proceedings of the American academy of arts and sciences*, 1934, lxix, 543-544.)

Winter hardiness of trees and shrubs growing in the Arnold arboretum. By J. H. Faull, J. G. Jack, W. H. Judd and L. V. Schmitt. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 29-47, 53-60.)

Can we eradicate the Dutch elm disease? Boston. 1935. pp. 4.

HATCH, Alden Bruce.

A culture chamber for the study of mycorrhizae. (In *Journal of the Arnold arboretum*, 1934, xv, 358-365.)

A jet-black mycelium forming ecto-trophic mycorrhizae. (In *Svensk botanisk tidskrift*, 1934, xxviii, 369-383.)

HUNTER, Lilian M.

A preliminary note on life history studies of European species of *Milesia*. (In *Journal of the Arnold arboretum*, 1935, xvi, 143.)

JACK, John George.

Conifers after a severe winter. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 53-60.)

Plants of current interest. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 48.)

Winter hardiness of trees and shrubs growing in the Arnold arboretum. By J. H. Faull, J. G. Jack, W. H. Judd and L. V. Schmitt. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 29-47, 53-60.)

Winter injuries among trees and shrubs. (In *Scientific monthly*, 1935, xl, 332-338.)

JOHNSTON, Ivan Murray.

Boraginaceae. (In MUNZ, P. A. *A manual of southern California botany*, 1935, pp. 417-436.)

Studies in Boraginaceae. x. The Boraginaceae of northeastern South America. (In *Journal of the Arnold arboretum*, 1935, xvi, 1-64.)

Studies in Boraginaceae. xi. The species of *Tournefortia* and *Messerschmidia* in the Old World. Notes on Brand's treatment of *Cryptantha*. New or otherwise noteworthy species. (In *Journal of the Arnold arboretum*, 1935, xvi, 145-205.)

JUDD, William Henry.

The association of Kew gardeners in America; the annual dinner, 1934 (In *Journal of the Kew guild*, 1934, v, 369-370.)

Emil T. Mische. (In *Journal of the Kew guild*, 1934, v, 372-373.)

[Notes on trip to the Pacific coast, 1933.] (In *Journal of the Kew guild*, 1934, v, 334-335.)

Winter hardiness of trees and shrubs growing in the Arnold arboretum. By J. H. Faull, J. G. Jack, W. H. Judd and L. V. Schmitt. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 29-47, 53-60.)

The association of Kew gardeners in America; the annual dinner, 1935. (In *Journal of the Kew guild*, 1935, v, 439.)

Making horticultural records. (In *Horticulture*, 1935, xiii, 166.)

KERR, Thomas.

Action of hydrofluoric acid in softening wood. (In *Tropical woods*, 1934, no. 40, pp. 37-42.)

The cambium and its derivative tissues. x. Structure, optical properties and chemical composition of the so-called middle lamella. By Thomas Kerr and I. W. Bailey. (In *Journal of the Arnold arboretum*, 1934, xv, 327-349.)

McKELVEY, Mrs. Susan Delano.

Arctomecon californicum. (In *National horticultural magazine*, 1934, xiii, 349-350.)

A verification of the occurrence of *Yucca Whipplei* in Arizona. (In *Journal of the Arnold arboretum*, 1934, xv, 350-352.)

Notes on *Yucca*. (In *Journal of the Arnold arboretum*, 1935, xvi, 268-271.)

MACLACHLAN, John Douglas.

The hosts of *Gymnosporangium globosum* Farl., and their relative susceptibility. (In *Journal of the Arnold arboretum*, 1935, xvi, 98-142.)

PALMER, Ernest Jesse.

Adventures in fern collecting. (In *American fern journal*, 1934, xxiv, 104-109.)

Game foods in the Arnold arboretum. By N. W. Hosley and E. J. Palmer. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 49-52.)

Indian relics in the Arnold arboretum. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 61-68.)

Trees of the southeastern states. (In *Journal of the Arnold arboretum*, 1934, xv, 266.)

Supplement to the spontaneous flora of the Arnold arboretum. (In *Journal of the Arnold arboretum*, 1935, xvi, 81-97.)

Uvularia perfoliata in Louisiana. By E. J. Palmer and Edgar Anderson. (In *Rhodora*, 1935, xxxvii, 58-59.)

REHDER, Alfred.

Amendments to the international rules of nomenclature, ed. 3. Proposed. Jamaica Plain. 1934. pp. 3.

Die blutbuche. (In *Mitteilungen der Deutschen dendrologischen gesellschaft*, 1934, xlv, 394.)

Notes on the ligneous plants described by L eveill e from eastern Asia. (In *Journal of the Arnold arboretum*, 1934, xv, 267-326.)

Corrections and emendations of Rehder's "Manual of cultivated trees and shrubs." Jamaica Plain. 1935. pp. 19.

Handeliidendron, a new genus of Sapindaceae. (In *Journal of the Arnold arboretum*, 1935, xvi, 65-67.)

SAX, Karl.

Chromosomes of cycadales. By Karl Sax and J. M. Beal. (In *Journal of the Arnold arboretum*, 1934, xv, 255-258.)

Cytology for students. [Review of "Introduction to cytology," by L. W. Sharp.] (In *Science*, 1934, lxxx, 407.)

Structure of meiotic chromosomes in microsporogenesis of *Tradescantia*. By Karl Sax and L. M. Humphrey. (In *Botanical gazette*, 1934, xcvi, 353-362.)

Chromosome numbers in the Hamamelidaceae and their phylogenetic significance. By Edgar Anderson and Karl Sax. (In *Journal of the Arnold arboretum*, 1935, xvi, 210-215.)

Chromosome structure in the meiotic chromosomes of *Rhoeo discolor Hance*. (In *Journal of the Arnold arboretum*, 1935, xvi, 216-224.)

The cytological analysis of species-hybrids. (In *Botanical review*, 1935, i, 100-117.)

Variation in chiasma frequencies in *Secale*, *Vicia* and *Tradescantia*. (In *Cytologia*, 1935, vi, 289-293.)

SCHMITT, Louis Victor.

Winter hardiness of trees and shrubs growing in the Arnold arboretum. By J. H. Faull, J. G. Jack, W. H. Judd and L. V. Schmitt. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 29-47, 53-60.)

WHITAKER, Thomas Wallace.

An improved technic for the examination of chromosomes in root tip smears. (In *Stain technology*, 1934, ix, 107-108.)

A karyo-systematic study of *Robinia*. (In *Journal of the Arnold arboretum*, 1934, xv, 353-357.)

The shrubby robinias. (In *Arnold arboretum bulletin of popular information*, 1934, ii, 25-28.)

The above articles cover a total of about 1037 pages. — E. M. T.